

MONDET
 Appl. No. 09/848,462
 June 24, 2004

IN THE CLAIMS:

Amend the claims as follows:

1. (Previously Presented) A method of gelling a cosmetic composition comprising adding to a cosmetic composition, as a gelling agent, at least one linear or cyclic polyorganosiloxane which comprises at least two organosiloxy units and at least two side groups or end groups, each of said groups being capable of forming at least one hydrogen bond with one or more partner groups, the said organosiloxy units being represented by the following formula:



In which:

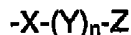
R represents a linear, branched or cyclic alkyl group, an aryl group, a polyether group or a fluoro group,

R' represents a group capable of forming at least one hydrogen bond,

a is 1, 2 or 3, and

b is 0 or 1, with the proviso that a+b is equal to 2 or 3, the said group R' being selected from the group consisting of:

- (a) a group derived from an unprotected or partially protected amino acid, and
- (b) a carboxylic acid, an amine or a phenol group of formula:



In which:

X represents a linear, branched or cyclic alkylene or alkenylene spacer chain, optionally comprising one or more hetero atoms in the chain,

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Y represents a monocyclic or polycyclic divalent unsaturated hydrocarbon-based group, said polycyclic group optionally comprising up to 4 fused rings,

n represents an integer ranging from 1 to 4, and

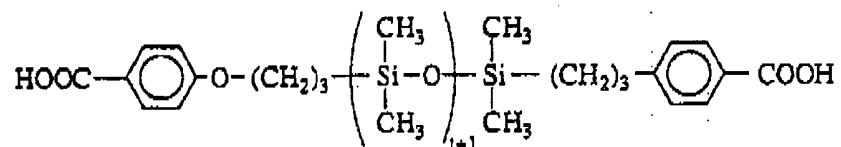
Z represents a -COOH or -OH group or a primary, secondary or tertiary amine group.

2. (Previously Presented) A method according to Claim 1, wherein the polyorganosiloxane contains from 2 to 50,000 organosiloxy units.

3. (Previously Presented) A method according to Claim 1 wherein the side groups or end groups of the polyorganosiloxane are each capable of forming at least two hydrogen bonds with one or more partner groups.

4. (Previously Presented) A method according to Claim 1, wherein Y represents a 6-membered aromatic nucleus and Z represents a -COOH group.

5. (Previously Presented) A method according to Claim 4, wherein the polyorganosiloxane corresponds to the following formula:



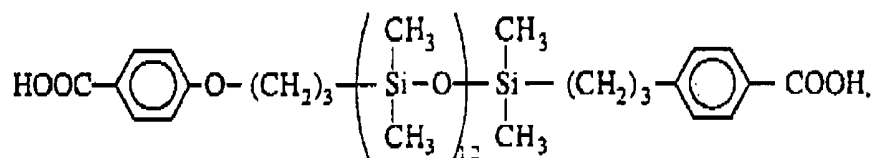
with t ranging from 1 to 1200.

6. (Previously Presented) A method according to Claim 5, wherein the polyorganosiloxane corresponds to the following formula:

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Claim 7. (Cancelled)

8. (Currently Amended) Cosmetic composition comprising, in a cosmetically acceptable medium comprising a fatty phase, at least one linear or cyclic polyorganosiloxane, which comprises at least two organosiloxy units and at least two side groups or end groups which are each capable of forming at least one hydrogen bond with one or more partner groups, the said organosiloxy units being represented by the following formula:



in which:

R represents a linear, branched or cyclic alkyl group, an aryl group, a polyether group or a fluoro group,

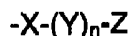
R' represents a group capable of forming at least one hydrogen bond,

a is 1, 2 or 3, and

b is 0 or 1, with the proviso that a+b is equal to 2 or 3,

the said group R' being selected from the group consisting of:

- (a) a group derived from an unprotected or a partially protected amino acid, and
- (b) a carboxylic acid, an amine or a phenol group of formula:



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in which:

X represents a linear, branched or cyclic alkylene or alkenylene spacer chain, optionally comprising one or more hetero atoms in the chain,

Y represents a monocyclic or polycyclic divalent unsaturated hydrocarbon-based group, said polycyclic group optionally comprising up to 4 fused rings,

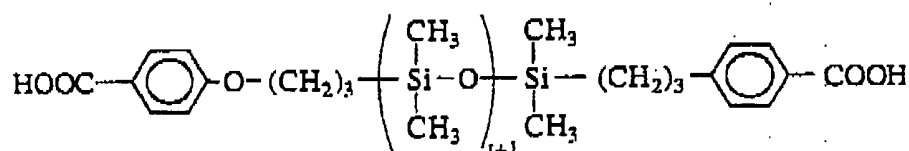
n represents an integer ranging from 1 to 4, and Z represents a -COOH or -OH group or a primary, secondary or tertiary amine group.

9. (Previously Presented) Cosmetic composition according to Claim 8, wherein the polyorganosiloxane comprises from 2 to 50,000 organosiloxy units.

10. (Previously Presented) Cosmetic composition according to Claim 8, wherein the side groups or end groups of the polyorganosiloxane are each capable of forming at least two hydrogen bonds with one or more partner groups.

11. (Previously Presented) Cosmetic composition according to Claim 8, wherein Y represents a 6-membered aromatic nucleus and Z represents a -COOH group.

12. (Previously Presented) Cosmetic composition according to Claim 11, wherein the polyorganosiloxane corresponds to the following formula:



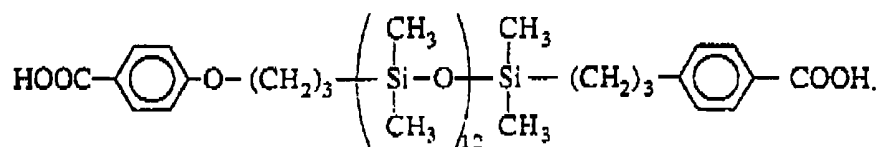
with t ranging from 1 to 1200.

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13. (Previously Presented) Cosmetic composition according to Claim 12, wherein the polyorganosiloxane corresponds to the following formula:



Claim 14. (Cancelled)

15. (Previously Presented) Cosmetic composition according to Claim 8, wherein the amount of the polyorganosiloxane is between 0.5% and 50% by weight relative to the total weight of the cosmetic composition.

16. (Previously Presented) Cosmetic composition according to Claim 15, wherein the amount of the polyorganosiloxane is between 1% and 30% by weight relative to the total weight of the cosmetic composition.

Claim 17. (Cancelled)

18. (Currently Amended) Cosmetic composition according to ~~Claim 17~~ Claim 8, wherein the fatty phase comprises fatty substances that are liquid at room temperature and/or fatty substances that are solid at room temperature.

19. (Previously Presented) Cosmetic composition according to Claim 18, wherein the fatty substances that are liquid at room temperature comprise at least one of a silicone oil and a hydrocarbon-based oil.

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20. (Previously Presented) Cosmetic composition according to Claim 19, comprising at least one silicone oil.

21. (Previously Presented) Cosmetic composition according to Claim 20, wherein the silicone oil is selected from the group consisting of polydimethylsiloxanes (PDMSs), which are optionally phenylated; polymethylphenylsiloxanes, which are substituted with aliphatic and/or aromatic groups, or optionally fluorinated; polysiloxanes modified with fatty acids, fatty alcohols or polyoxyalkylenes; fluorosilicones and perfluorosilicone oils.

22. (Previously Presented) Cosmetic composition according to Claim 19, wherein the hydrocarbon-based oil is selected from the group consisting of liquid paraffin, liquid petroleum jelly, mink oil, turtle oil, soybean oil, perhydrosqualene, sweet almond oil, beauty-leaf oil, palm oil, grape pip oil, sesame oil, corn oil, parleam oil, arara oil, rapeseed oil, sunflower oil, cottonseed oil, apricot oil, castor oil, avocado oil, jojoba oil, olive oil, cereal germ oil; an ester of linoleic acid, an ester of oleic acid, an ester of lauric acid, an ester of stearic acid a fatty ester, and a higher fatty alcohols containing at least 12 carbon atoms.

23. (Previously Presented) Cosmetic composition according to Claim 18, wherein the fatty substances that are solid at room temperature comprise waxes, gums and/or pasty fatty substances.

24. (Previously Presented) Cosmetic composition according to Claim 23, wherein the waxes are selected from the group consisting of waxes of animal origin, plant waxes, mineral waxes, synthetic waxes, waxes obtained by Fisher-Tropsch synthesis, silicone waxes and hydrogenated oils that are solid at 25°C.

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25. (Previously Presented) Cosmetic composition according to Claim 23, wherein the gums are selected from the group consisting of high molecular weight polydimethylsiloxanes.

26. (Previously Presented) Cosmetic composition according to Claim 23, wherein the pasty fatty substances are selected from the group consisting of hydrocarbon-based compounds and polydimethylsiloxanes.

27. (Previously Presented) Cosmetic composition according to Claim 8, further comprising at least one additive selected from the group consisting of a filler, a pigment, a colorant, a surfactant, a sunscreen, an antioxidant, a fragrance and a preserving agent.

28. (Previously Presented) Cosmetic composition according to Claim 8, wherein said composition is anhydrous.

29. (Previously Presented) Cosmetic composition according to Claim 8, wherein said composition is in the form of a stick, a tube, a soft paste, with a dynamic viscosity at 25°C of about from 1 to 40 Pa.s, a dish, an oily gel or an oily liquid.

30. (Previously Presented) A method of making up and/or caring for the skin, comprising applying a composition of claim 8 to said skin.

31. (Previously Presented) Cosmetic composition according to Claim 8, in the form of a lipstick, a mascara, an eyeliner, a foundation, a powder, a blusher, an eyeshadow or a body make-up.

32. (Previously Presented) Cosmetic composition according to Claim 8, in the form of a moisturizing product, a deodorant or an antiperspirant.

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33. (Previously Presented) A method according to Claim 2, wherein the polyorganosiloxane contains from 2 to 30,000 organosiloxy units.

34. (Previously Presented) A cosmetic composition according to Claim 9, wherein the polyorganosiloxane contains from 2 to 30,000 organosiloxy units.

35. (Previously Presented) A cosmetic composition of claim 21, wherein the silicone oil is selected from the group consisting of a phenyltrimethicone, a phenyltrimethylsiloxy-diphenylsiloxane, a diphenylmethyldimethyltrisiloxane, a diphenyldimethicone, and a phenyldimethicone.

36. (Previously Presented) A cosmetic composition according to Claim 22, wherein said oil is selected from the group consisting of isopropyl myristate, isopropyl palmitate, butyl stearate, hexyl laurate, diisopropyl adipate, isononyl isononanoate, 2-ethylhexyl palmitate, 2-hexyldecyl laurate, 2-octyldecyl palmitate, 2-octyldodecyl myristate or lactate, bis(2-ethylhexyl) succinate, diisostearyl malate, glyceryl triisostearate, diglyceryl triisostearate, stearyl alcohol, oleyl alcohol, linoleyl alcohol, linolenyl alcohol, isostearyl alcohol and octyldodecanol.

37. (Previously Presented) A method of Claim 30, wherein said skin is selected from the group consisting of eyelids, lips and nails.

38. (new) Cosmetic composition comprising, in a cosmetically acceptable medium, at least one linear or cyclic polyorganosiloxane, which comprises at least two organosiloxy units and at least two side groups or end groups which are each capable of forming at least one hydrogen bond with one or more partner groups, the said organosiloxy units being represented by the following formula:



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in which:

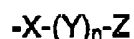
R represents a linear, branched or cyclic alkyl group, an aryl group, a polyether group or a fluoro group,

R' represents a group capable of forming at least one hydrogen bond,

a is 1, 2 or 3, and

b is 0 or 1, with the proviso that a+b is equal to 2 or 3,

the said group R' is a carboxylic acid, an amine or a phenol group of formula:



in which:

X represents a linear, branched or cyclic alkylene or alkenylene spacer chain, optionally comprising one or more hetero atoms in the chain,

Y represents a monocyclic or polycyclic divalent unsaturated hydrocarbon-based group, said polycyclic group optionally comprising up to 4 fused rings,

n represents an integer ranging from 1 to 4, and Z represents a -COOH or -OH group or a primary, secondary or tertiary amine group,

39. (new) Cosmetic composition according to Claim 38, wherein the polyorganosiloxane comprises from 2 to 50,000 organosiloxy units.

40. (new) Cosmetic composition according to Claim 38, wherein the side groups or end groups of the polyorganosiloxane are each capable of forming at least two hydrogen bonds with one or more partner groups.

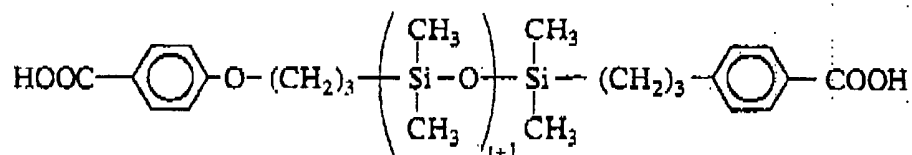
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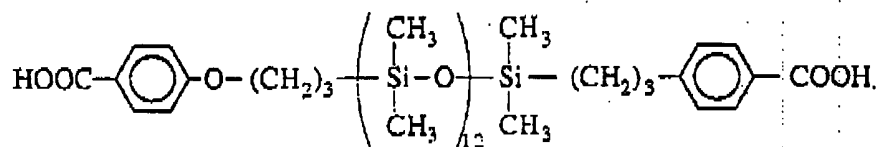
41. (new) Cosmetic composition according to Claim 38, wherein Y represents a 6-membered aromatic nucleus and Z represents a -COOH group.

42. (new) Cosmetic composition according to Claim 41, wherein the polyorganosiloxane corresponds to the following formula:



with t ranging from 1 to 1200.

43. (new) Cosmetic composition according to Claim 42, wherein the polyorganosiloxane corresponds to the following formula:



44. (new) Cosmetic composition according to Claim 38, wherein the amount of the polyorganosiloxane is between 0.5% and 50% by weight relative to the total weight of the cosmetic composition.

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45. (new) Cosmetic composition according to Claim 44, wherein the amount of the polyorganosiloxane is between 1% and 30% by weight relative to the total weight of the cosmetic composition.

46. (new) Cosmetic composition according to Claim 38, wherein the cosmetically acceptable medium comprises a fatty phase, optionally organic solvents and optionally water.

47. (new) Cosmetic composition according to Claim 46, wherein the fatty phase comprises fatty substances that are liquid at room temperature and/or fatty substances that are solid at room temperature.

48. (new) Cosmetic composition according to Claim 47, wherein the fatty substances that are liquid at room temperature comprise at least one of a silicone oil and a hydrocarbon-based oil.

49. (new) Cosmetic composition according to Claim 48, comprising at least one silicone oil.

50. (new) Cosmetic composition according to Claim 49, wherein the silicone oil is selected from the group consisting of polydimethylsiloxanes (PDMSs), which are optionally phenylated; polymethylphenylsiloxanes, which are substituted with aliphatic

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and/or aromatic groups, or optionally fluorinated; polysiloxanes modified with fatty acids, fatty alcohols or polyoxyalkylenes; fluorosilicones and perfluorosilicone oils.

51. (new) Cosmetic composition according to Claim 48, wherein the hydrocarbon-based oil is selected from the group consisting of liquid paraffin, liquid petroleum jelly, mink oil, turtle oil, soybean oil, perhydrosqualene, sweet almond oil, beauty-leaf oil, palm oil, grape pip oil, sesame oil, corn oil, parlearn oil, arara oil, rapeseed oil, sunflower oil, cottonseed oil, apricot oil, castor oil, avocado oil, jojoba oil, olive oil, cereal germ oil; an ester of linoleic acid, an ester of oleic acid, an ester of lauric acid, an ester of stearic acid a fatty ester, and a higher fatty alcohols containing at least 12 carbon atoms.

52. (new) Cosmetic composition according to Claim 47, wherein the fatty substances that are solid at room temperature comprise waxes, gums and/or pasty fatty substances.

53. (new) Cosmetic composition according to Claim 52, wherein the waxes are selected from the group consisting of waxes of animal origin, plant waxes, mineral waxes, synthetic waxes, waxes obtained by Fisher-Tropsch synthesis, silicone waxes and hydrogenated oils that are solid at 25°C.

54. (new) Cosmetic composition according to Claim 52, wherein the gums are selected from the group consisting of high molecular weight polydimethylsiloxanes.

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55. (new) Cosmetic composition according to Claim 52, wherein the pasty fatty substances are selected from the group consisting of hydrocarbon-based compounds and polydimethylsiloxanes.

56. (new) Cosmetic composition according to Claim 38, further comprising at least one additive selected from the group consisting of a filler, a pigment, a colorant, a surfactant, a sunscreen, an antioxidant, a fragrance and a preserving agent.

57. (new) Cosmetic composition according to Claim 38, wherein said composition is anhydrous.

58. (new) Cosmetic composition according to Claim 38, wherein said composition is in the form of a stick, a tube, a soft paste, with a dynamic viscosity at 25°C of about from 1 to 40 Pa.s, a dish, an oily gel or an oily liquid.

59. (new) A method of making up and/or caring for the skin, comprising applying a composition of claim 38 to said skin.

60. (new) Cosmetic composition according to Claim 38, in the form of a lipstick, a mascara, an eyeliner, a foundation, a powder, a blusher, an eyeshadow or a body make-up.

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61. (new) Cosmetic composition according to Claim 38, in the form of a moisturizing product, a deodorant or an antiperspirant.

62. (new) A cosmetic composition according to Claim 39, wherein the polyorganosiloxane contains from 2 to 30,000 organosiloxy units.

63. (new) A cosmetic composition of claim 50, wherein the silicone oil is selected from the group consisting of a phenyltrimethicone, a phenyltrimethylsiloxy-diphenylsiloxane, a diphenylmethyldimethyltrisiloxane, a diphenyldimethicone, and a phenyldimethicone.

64. (new) A cosmetic composition according to Claim 51, wherein said oil is selected from the group consisting of isopropyl myristate, isopropyl palmitate, butyl stearate, hexyl laurate, diisopropyl adipate, isononyl isononanoate, 2-ethylhexyl palmitate, 2-hexyldecyl laurate, 2-octyldecyl palmitate, 2-octyldodecyl myristate or lactate, bis(2-ethylhexyl) succinate, diisostearyl malate, glyceryl triisostearate, diglyceryl triisostearate, stearyl alcohol, oleyl alcohol, linoleyl alcohol, linolenyl alcohol, isostearyl alcohol and octyldodecanol.

65. (new) A method of Claim 59, wherein said skin is selected from the group consisting of eyelids, lips and nails.